AST.

L Number	Hits	Search Text	DB	Time stamp
6	0	Kamiya.in. and Kondoin. and Saski.in. and oba.in.	USPAT;	2004/05/11 12:06
			US-PGPUB;	200
			EPO; JPO;	
7	0	Kamiya in and Kanda in and Casti in and the	DERWENT	
•		Kamiya.in. and Kondo.in. and Saski.in. and oba.in.	USPAT;	2004/05/11 12:07
			US-PGPUB; EPO; JPO;	
			DERWENT	
8	115	advics.asn.	USPAT:	2004/05/11 12:07
			US-PGPUB;	200 1,00,11 12.01
			EPO; JPO;	
9	81	advics.asn. and brak\$4	DERWENT	
	01	advics.asii. aiid biaκφ4	USPAT;	2004/05/11 13:34
			US-PGPUB; EPO; JPO:	
			DERWENT	
10	9	advics.asn. and brak\$4 same vibration	USPAT:	2004/05/11 12:12
			US-PGPUB;	200 1100/11 12.12
			EPO; JPO;	
			DERWENT	

11	149	("5928301" "5823281"	USPAT; US-PGPUB	2004/05/11 12:
		"5012166"	US-PGPUB	
		"5604412"		
		"5734241"		
		"5974878"		
		"4358720"		
1		"4469995"		
		"4797075"		
		"4915319"		
		"4980621"		
		"5013956"		
		"5385216"		
		"5484041"		
		"5791427"		
		"5856709"		
		"5868410"		
		"6050160"	,	
		"6145386"		
		"6305506"		
		"6322164"		
		"4623042"		
		"4290268"		
		"6046560"		
		"4347471"		!
		"4930770"		
		"5333944"		
	ĺ	"5457372"		
		"5628472"		
		"5664735"		
		"5705903"		
İ		"5927447"		
		"5990653"		
		"6067159"		
		"6111643"		
İ		"6131057"		
		"6151962"		
		"6158822"		
	i	"6199670"		,
		"6206482"		
		"6231134"		
	1	"6241053"		
ĺ		"6270172"		
		"6416140"		
	ĺ	"6425643"		
		"6464308"		
		"5804935"		
	ĺ	"6005358"		
		"4588057"		
		"5343134").pn.		
		("4548298"	,	
		"4570766"		
		"5679087"		
		"5685798"		
		"4297038"		
		"4362004"		
		"4406352"		
		"4458193"		
		"4760278"		
		"4864872"		
		"4895227"		
ŀ		"4898342"		
		"4926977"		
		"4986614"		
		"4997237"		
		"5000524"		
		"5009063"		
		"5219214"		
arch History	5/11/04	755-279-1 Page 2		
APPS\east\w	vorkspaces	"5347895".wsp "5406154"	İ	
	• 1-	"5406154" '		

12	29	(("5928301"	USPAT;	2004/05/11 12:12
		"5823281"	US-PGPUB	
		"5012166"		
		"5604412"		
		"5734241"		
		"5974878"		
		"4358720"		
		"4469995"		
		"4797075"		
·		"4915319"		
		"4980621"		
		"5013956"		
		"5385216"		
		"5484041" "5701407"		
		"5791427"		
		"5856709"		
1		"5868410"		
į		"6050160"		
		"6145386"		
		"6305506"		
		"6322164"		
		"4623042"		
		"4290268"		
		"6046560"		
		"4347471"		
		"4930770"		
1		"5333944"		
		"5457372"		
	,	"5628472" "5664735"		
		"5664735"		
		"5705903"		
,		"5927447"		
		"5990653"		
		"6067159"		
		"6111643"	i	
		"6131057"		
		"6151962"		
		"6158822"		
		"6199670"		
		"6206482"		
		"6231134"		
. [		"6241053"		
		"6270172"		
		"6416140" "6425642"		
[		"6425643"		
		"6464308"		
		"5804935"		
İ		"6005358"	ł	
		"4588057"		
}		"5343134").pn.		
		("4548298"		
		"4570766"		
		"5679087"		
	ĺ	"5685798"		
		"4297038"		
1		"4362004"		
		"4406352"		
		"4458193"		
		"4760278"	]	
1		"4864872"		
		"4895227"		
		"4898342"		
İ		"4926977"		
		"4986614"		
		"4997237"		
İ		"5000524"		
		"5009063"		
		"5219214"		
earch History	5/11/04	15327795M Page 3		
·\ADDS\aces	Workense	"5347895"	ĺ	
.wrrsieastii	workspace	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		İ
	İ	"5435417"		
	'	0.00111		

13	7	(("5928301"	USPAT;	2004/05/11 12:13
		"5823281"		2004/03/11 12.13
		"5012166"	US-PGPUB	
		"5604412"		
		"5734241"		
		"5974878"		
		"4358720"		
		"4469995"		
		"4797075"		
		"4915319"		
		"4980621"		
		"5013956"		ļ
		"5385216"		
		"5484041"		
		"5791427"		
		"5856709"		
	-	"5868410"		
İ		"6050160"		
		"6145386"		
		"6305506"		
		"6322164"		
		"4623042"		
		"4290268"		
		"6046560"		
		"4347471"		
		"4930770"		
	1	"5333944"		
		"5457372"		
		"5628472"		
		"5664735"		
		"5705903"		
		"5927447"		
		"5990653"		
		"6067159"		
			ĺ	
		"6111643"		
		"6131057"		
		"6151962"		
		"6158822"		
	·	"6199670"		
		"6206482"		
		"6231134"		
		"6241053"		
		"6270172"		
		"6416140"		
I		0410140		
l		"6425643"		
ļ		"6464308"		
ļ		"5804935"		
		"6005358"		
		"4588057"		
Į.				
		"5343134").pn.		
		("4548298"		
		"4570766"	İ	
}		"5679087"	į	
ļ		"5685798"		
			1	
ļ		"4297038"	İ	
		"4362004"		-
		"4406352"		
		"4458193"		
			1	
ĺ		"4760278"		
		"4864872"		
		"4895227"	-	
İ		"4898342"		
		"4926977"		
		"4986614"		
ĺ		"4997237"		İ
		"5000524"		
		"5009063"		
		"5219214"		
		#500mme		
Search Histo	ry 5/11/04	1552794M Page 4		
:\APPS\ass	st\workenage	"5347895" wen		
2. V 11 1 3 (CdS	workshace	1.55426年前 Page 4 \$53478959.wsp \$5406154		
		"5435417"		
'	· ·	UTJUT 1 /		

,

14	1		III			 USPA	T:	2004/05/11 12:
		"5823281"				US-PC		
		"5012166"						
		"5604412"						
ĺ		"5734241"						
		"5974878"						
		"4358720"				1		
1		"4469995"						
		"4797075"						
		"4915319"				İ		
		"4980621"						
		"5013956"						
		"5385216"						
		"5484041"						ļ
		"5791427"						
		"5856709"						
		"5868410"						
		"6050160"		•				
		"6145386"						
		"6305506"						
		"6322164"						
l		"4623042"						
		"4290268"						
		"6046560"						
		"4347471"						
		"4930770" "5333944"						
		"5457372" "5628472"						
		"5664735"						
		"5705903"						
		"5927447"					ĺ	
		"5990653"						
		"6067159"						
	,	"6111643"						
	ļ	"6131057"						
		"6151962"						
		"6158822"						
		"6199670"						
		"6206482"						
		"6231134"						
		"6241053"					İ	
		"6270172"						
		"6416140"				İ		
		"6425643"						
		"6464308"						
		"5804935"					i	
		"6005358"			•			
		"4588057"				1		
		"5343134").	nn					
		("4548298"	F					
	1	"4570766"					İ	
	ļ	"5679087"						
	ĺ	"5685798"						
		"4297038"						
		"4362004"				Ì		
ĺ		"4406352"					ŀ	
		"4458193"				ĺ		
	i	"4760278"					ĺ	
		"4864872"						
		"4895227"					ĺ	
		"4898342"						
		"4926977"						
ĺ		"4986614"						
		"4997237"						
		"5000524"						
		"5009063"						
		"5219214"				ļ		
rch History		#C207705#	Page 5			 		
DDC	Norkenage	1.55;20 44% 1.53478959.v 1.5406154	i age J					
	かいいたろいみじみら	3110771459 V	NAME OF A				- 1	

45		1 200-22-2			
15	3	(("5928301"		USPAT;	2004/05/11 12:14
l . i		"5823281"		US-PGPUB	
		"5012166"			
		"5604412"			
		"5734241"			
		"5974878"			
		"4358720"			
		"4469995"			ĺ
		"4797075"			
	:				
		"4915319"			
		"4980621"			
		"5013956"			
1		"5385216"			
		"5484041"			
		"5791427"			
		"5856709"			
		"5868410"			
		"6050160"			
		"6145386"		ĺ	
İ		"6305506"			
		"6322164"			
		"4623042"			
		"4290268"			
		"6046560"			
l		"4347471"			
		"4930770"			
		"5333944"	i		
		"5457372"			
		1		İ	
		"5628472"			
		"5664735"			
		"5705903"			
		"5927447"			
		"5990653"			
1		"6067159"			
		"6111643"			
		"6131057"			
		"6151962"			
		"6158822"			
		"6199670"			
		"6206482"			
		"6231134"			
		"6241053"	,		
		"6270172"			İ
		"6416140"			
		"6425643"			
		"6464308"			
		"5804935"			
		"6005358"			
		"4588057"			
		"5343134").pn.			
		("4548298"			
		"4570766"			
		"5679087"			
		"5685798"			,
		"4297038"			
		"4362004"			
		"4406352"	į		į
		"4458193"			
		"4760278"			
		"4864872"	1		
		"4895227"			
		"4898342"		İ	
		"4926977"			
		"4986614"			
		"4997237"			
		"5000524"			***************************************
		"5009063"			
		"5219214"		1	
Search Histor	ry 5/11/04	15527095M Page 6			
C·\APPS\ass	t\workspace	«\5347895" wer		1	
i Oledsi	workspace	s"53478959.wsp "5406154"	ļ		
		"5435417"			
			ı	!	I

	<del></del> _			
16	102	vibration same electric adj motor same brak\$4	USPAT; US-PGPUB	2004/05/11 12:14
17	150	vibration same electric adj motor same brak\$4	USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:14
18	40	vibration same electric adj motor same brak\$4 same rotat\$6 with electric adj motor	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:15
19	14	vibration same electric adj motor same brak\$4 same rotat\$6 with electric adj motor same (rotor or disk or disc)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:17
20	37	vibration same electric adj motor same brak\$4 same (rotor or disk or disc)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:24
21 22	1 23	2002-760191.NRAN.  ( vibration same electric adj motor same brak\$4 same (rotor or disk or disc)) not ( vibration same electric adj motor same brak\$4 same rotat\$6 with electric adj motor)	DERWENT DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:18 2004/05/11 12:30
23	68	vibration with suppress\$4 same motor same brak\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:31
24	63	noise with suppress\$4 same motor same brak\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:31
25	120	(vibration with suppress\$4 same motor same brak\$4) or (noise with suppress\$4 same motor same brak\$4)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:33
26	4	((vibration with suppress\$4 same motor same brak\$4) or (noise with suppress\$4 same motor same brak\$4)) and (188/\$.ccls. or 303/\$.ccls. or 318/\$.ccls.) and caliper	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:34
27	17	((vibration with suppress\$4 same motor same brak\$4) or (noise with suppress\$4 same motor same brak\$4)) and (188/\$.ccls. or 303/\$.ccls.)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:37
28	4962	188/72.1-72.9,156-165.ccls.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:38
29	19	188/72.1-72.9,156-165.ccls. and (noise or vibration) same electric adj motor	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:47
30	1105	electric adj2 (motor or actuator) same piston same brak\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:48
31	27	electric adj2 (motor or actuator) same piston same brak\$4 same (vibration or resonance or noise)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 13:00
32 33	1 289	2002-760191.NRAN. electric adj2 (motor or actuator) same piston and 188/\$.ccls.	DERWENT DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:50 2004/05/11 13:01
34	3657	electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 13:02
Cb II' 4	F/44/04	1:55:20 PM Page 7	DERWENT	

1426   (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5 and (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$4 same detect\$4   near5 rotat\$5 and (electric adj2 (motor or actuator) near6   notat\$4 same detect\$4   near5 rotat\$5 and (electric adj2 (motor or actuator) near6   notat\$4 same detect\$4   near5 rotat\$5 and (electric adj2 (motor or actuator) near6   notat\$4 same detect\$4   near5 rotat\$5 and (electric adj2 (motor or actuator) near6   notat\$4 same detect\$4   near5 rotat\$5 and (electric adj2 (motor or actuator) near6   notat\$4 same detect\$4   near5 rotat\$5 and (electric adj2 (motor or actuator) near6   rotat\$4 same detect\$4   near5 rotat\$5 and electric adj2 (motor or actuator) near6   rotat\$4 same detect\$4   near5 rotat\$5 and electric adj2 (motor or actuator) near6   rotat\$4 same detect\$4   notat\$5 or notat\$6   notat\$5 or notat\$6   notat\$6 are caliper same motor   near5 rotat\$6 are detect\$4   notat\$6 or notat\$9   not rotat\$6 or notat\$9   not rotat\$6 or notat\$9   not rotat\$6 or notat\$9   not rotat\$6 or notat\$9   not rotat\$6 or notat\$9   not rotat\$6 or notat\$9   not rotat\$9   not rotat\$6 or notat\$9   not rotat\$6   not		7			
1426   (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4 near5 rotat\$5 and (electric adj2 (motor or actuator) near6 rotat\$5 and (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4 near5 rotat\$5) and (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4 near5 rotat\$5) and (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4 near5 rotat\$5) and (electric adj2 (motor or actuator) near6 rotat\$6 same detect\$4 or noise) with (suppress\$4 or inhibit\$4 or reduc\$5) and par\$4 same actipor ame motor rotat\$5) and (electric adj2 (motor or actuator) near6 rotat\$6 same detect\$4 or inhibit\$4 or reduc\$5) and par\$4 same detect\$4 or inhibit\$4 or reduc\$5) and par\$4 same detect\$4 or inhibit\$4 or reduc\$5) and par\$4 same detect\$4 or inhibit\$4 or reduc\$5) and brax\$4 and caliper ame motor 188218a.ccls. and (vibrat\$4 or noise) with (suppress\$4 or inhibit\$4 or reduc\$5) and brax\$4 and caliper same motor 188218a.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brax\$4 and caliper same motor 188218a.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brax\$4 and caliper same motor 188218a.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brax\$4 and caliper ame detect\$4 and caliper same motor near3 drive same vibration near3 control same brax\$4 and caliper and electric adj motor same wibration near3 control same brax\$4 and caliper and electric adj motor same wibration near3 control same brax\$4 and caliper and electric adj motor same wibration near3 control same brax\$4 and caliper same piston	35	1426	electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4 near5 rotat\$5	US-PGPUB;	2004/05/11 13:02
1426   (electric ad)2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5) and (electric ad)2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5) and (electric ad)2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5) and (electric ad)2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5) and (electric ad)2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5) and (electric ad)2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5) and (electric ad)2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5 and reduct\$6   near5 rotat\$5   near5 rot					
	36	1426	/ clootric adi? /mater or networks > ===0 ==t=t0.4 ===== 1.1 10.4		
102	30	1420	( electric adjz (motor or actuator) nears rotat\$4 same detect\$4		2004/05/11 13:02
102   ((electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5) and (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4   near5 rotat\$5 same brak\$4 and caliper same motor disk or disc   near5 rotat\$4 same detect\$4   near5 rotat\$5 same brak\$4 same detect\$4   near5 rotat\$5 same brak\$4   no rotat\$4 rotat\$6			nears rotat\$5) and ( electric adj2 (motor or actuator) near6		
102   (electric adj (motor or actuator) near ortats 4 same detects 4   SPAT; near fortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and (electric adj (motor or actuator) near ortats(5) and electric adj (motor or actuator) near ortats(5) and electric adj (motor or actuator) near ortats(5) and electric adj (motor or actuator) near ortats(5) and electric adj (motor or actuator) near ortats(5) and electric adj (motor or actuator) near ortats(5) and electric adj (motor or actuator) near ortats(5) and electric adj (motor or actuator) near ortats(5) and electric adj motor ortats(5) and electric adj motor ortats(5) and electric adj motor ortats(5) and electric adj motor actuator) near ortats(5) and electric adj motor same motor ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor same ortats(5) and electric adj motor and electric adj motor and electric adj motor and electric adj motor and electric adj motor and electric adj motor and electric adj motor and electric adj motor and electric adj motor and el			rotat\$4 same detect\$4)		
	27	400	//   // "		
rotat\$4 same detect\$4] and (vibrat\$4 or noise) with (suppress\$4	37	102	(( electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4		2004/05/11 13:04
Or inhibits or reduc\$6)   Or reduc\$6)   Or reduc\$6)   Or reduc\$6   O			near5 rotat\$5) and ( electric adj2 (motor or actuator) near6		
1			rotat\$4 same detect\$4)) and (vibrat\$4 or noise) with (suppress\$4	EPO; JPO;	
	00			DERWENT	
	38	0	(( electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4	USPAT;	2004/05/11 13:05
1   0			near5 rotat\$5) and ( electric adj2 (motor or actuator) near6	US-PGPUB;	
1	•		rotat\$4 same detect\$4)) and (vibrat\$4 or noise) with (suppress\$4		
near6 rotat\$5) and (electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4)) and (vibrat\$4 or noise) with (suppress\$4 or inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor 188/218a.ccds. and (vibrat\$4 or noise) with (rotor or disk or disc) inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor US-PAT: US-PGPUB: EPO: JPO: DERWENT US-PAT: and brak\$4 and caliper and brak\$4 and caliper user and brak\$4 and caliper and brak\$4 and caliper user and brak\$4 and caliper user and brak\$4 and caliper user and brak\$4 and caliper user and brak\$4 and caliper user user and brak\$4 and caliper user user user user user user user us			or inhibit\$4 or reduc\$6) and brak\$4 same caliper same motor	DERWENT	
nearb rotats\$5) and (electric ad) 2 (motor or actuator) near6   rotats\$4 same detect\$4)) and (wibrat\$4 or noise) with (suppress\$4 or inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor   SAPT;   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   PO;   DERWENT   US-PGPUB;   PO;   P	39	0	(( electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4		2004/05/11 13:05
1   14   188/218a ccls, and (vibrat\$4 or noise) with (suppress\$4 or inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor 188/218a ccls, and (vibrat\$4 or noise) with (suppress\$4 or inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor 1   188/218a ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/218a ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/1.11\$.ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/1.11\$.ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/1.11\$.ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/1.11\$.ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/1.11\$.ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/1.11\$.ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   188/1.11\$.ccls, and (vibrat\$4 or noise) with (rotor or disk or disc) 2   2004/05/11 13:07   2004/05/11 13:08   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:11   2004/0			near5 rotat\$5) and ( electric adj2 (motor or actuator) near6	US-PGPUB:	
1   188/218a.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/218a.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/218a.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/218a.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/218a.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118a.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and electric adj motor or same vibration near3   188/2118c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and electric adj motor or near3 drive same vibration near3   188/2118c.cds. and electric adj motor near3 drive same vibration near3   188/2118c.cds. and electric adj motor   188/218c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and electric adj motor near3 drive same vibration near3   188/2118c.cds. and electric adj motor   188/218c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and electric adj motor   188/218c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and electric adj motor   188/218c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and electric adj motor   188/218c.cds. and (vibrats4 or noise) with (rotor or disk or disc)   188/2118c.cds. and (vibr			rotat\$4 same detect\$4)) and (vibrat\$4 or noise) with (suppress\$4		
1   188/218a.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)   LSPAT;			or inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor		
Inhibits4 or reducs6) and brak\$4 and caliper same motor   EPC; JPC; JPC; DERWENT   SPAT; uSPGPUB; EPC; JPC; and brak\$4 and caliper   2004/05/11 13:06   SPAT; uSPGPUB; EPC; JPC; and brak\$4 and caliper   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:08   2004/05/11 13:08   2004/05/11 13:08   2004/05/11 13:08   2004/05/11 13:08   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:10	40	1	188/218a.ccls. and (vibrat\$4 or noise) with (suppress\$4 or		2004/05/11 13:06
1			inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor		
14   188/218a.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper   2004/05/11 13:06     42   32   188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper   2004/05/11 13:07     43   1   188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper and electric adj motor   2004/05/11 13:07     44   25   electric adj motor same motor near3 drive same vibration near3   2004/05/11 13:09     45   1   electric adj motor same motor near3 drive same vibration near3   2004/05/11 13:09     46   9   electric adj motor same wibration near3   2004/05/11 13:10     47   1   vibration near3 control same brak\$4 same caliper same piston   2004/05/11 13:10     48   30   vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston   2004/05/11 13:11     48   30   vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston   2004/05/11 13:11     49   0   6047794 URPN.   ("4153815"   "4417098"   "4490841"   "5865015",PN.   188/1.11e.ccls. and electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depr			· ·		
1			· ·		
32   32   188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:07   2004/05/11 13:08   2004/05/11 13:08   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:09   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:13   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   2004/05/11 13:21   20	41	14	188/218a.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)		2004/05/11 13:06
32   188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper   2004/05/11 13:07   2004/05/11 13:17   2004/05			and brak\$4 and caliper		200 1/00/11 10:00
188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper   2004/05/11 13:07     188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper and electric adj motor   188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)   2004/05/11 13:08     1			'		
1   1   1   1   1   1   1   1   1   1					
and brak\$4 and caliper	42	32	188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)		2004/05/11 13:07
1   188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc) and brak\$4 and caliper and electric adj motor   USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWEN			and brak\$4 and caliper		2004/00/11 13:07
1			•		
1					
25   electric adj motor same motor near3 drive same vibration near3   US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB;	43	1	188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)		2004/05/11 13:08
44 25 electric adj motor same motor near3 drive same vibration near3 Control Same brak\$4  45 1 electric adj motor same motor near3 drive same vibration near3 Control same brak\$4  46 9 electric adj motor same vibration near3 control same brak\$4  47 1 vibration near3 control same brak\$4 same caliper same piston  48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  49 0 6047794.URPN.  50 11 ("4153815"   "4417098"   "4490841"   "4562589"   "5418858"   "5418858"   "5465515").PN.  51 25 188/1.11e.ccls. and electric adj motor  52 9 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor near3 drive same vibration near3 (D04/05/11 13:10			and brak\$4 and caliper and electric adj motor		2004/03/11 13:00
44 25 electric adj motor same motor near3 drive same vibration near3 control USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; EP					
25   electric adj motor same motor near3 drive same vibration near3   USPAT; US-PGPUB; EPC; JPC; DERWENT USPAT; US-PGPUB; DS-PGPUB; EPC; JPC; DERWENT USPAT; US-PGPUB; USPAT; US-PGPUB;				DERWENT	
Control   Cont	44	25	electric adj motor same motor near3 drive same vibration near3		2004/05/11 12:00
1   electric adj motor same motor near3 drive same vibration near3   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:10   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:11   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:12   2004/05/11 13:17   2004/05/11 13:21					2004/03/11 13.09
1 electric adj motor same motor near3 drive same vibration near3 control same brak\$4  46  9 electric adj motor same vibration near3 control same brak\$4  47  1 vibration near3 control same brak\$4 same caliper same piston  48  30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same caliper same piston  48  30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  49  0 6047794.URPN.  11 ("4153815"   "4417098"   "4490841"   "4562589"   "5418858"   "5426705"   "5660251"   "5667047"   "5687818"   "5860494"   "5865515").PN.  11 25 18871.11e.ccls. and electric adj motor  2004/05/11 13:10  2004/05/11 13:10  2004/05/11 13:11  2004/05/11 13:11  2004/05/11 13:11  2004/05/11 13:12					
1   electric adj motor same motor near3 drive same vibration near3   USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB					
Control same brak\$4	45	1	electric adj motor same motor near3 drive same vibration near3		2004/05/11 12:10
46 9 electric adj motor same vibration near3 control same brak\$4  47 1 vibration near3 control same brak\$4 same caliper same piston  48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  49 0 0 6047794.URPN. 50 11 ("4153815"   "4417098"   "4490841"   "4562589"   "5418858"   "5426705"   "5660251"   "5667047"   "5687818"   "5860494"   "5865515").PN.  51 25 9 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper same piston  52 9 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper same piston  53 2 2 004/05/11 13:10 2004/05/11 13:10 2004/05/11 13:10 2004/05/11 13:10 2004/05/11 13:10 2004/05/11 13:11 2004/05/11 13:11 2004/05/11 13:11 2004/05/11 13:12 2004/05/11 13:12 2004/05/11 13:12 2004/05/11 13:12 2004/05/11 13:21 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/05/11 2004/0			control same brak\$4		2004/03/11 13.10
DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO					
9 electric adj motor same vibration near3 control same brak\$4  1 vibration near3 control same brak\$4 same caliper same piston  1 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  2004/05/11 13:10  2004/05/11 13:11  2004/05/11 13:11  2004/05/11 13:11  2004/05/11 13:11  2004/05/11 13:11  2004/05/11 13:11  2004/05/11 13:12	•				
47 1 vibration near3 control same brak\$4 same caliper same piston  48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same caliper same piston  49 0 6047794.URPN. 50 11 ("4153815"   "44417098"   "4490841"   "4562589"   "5418858"   "5426705"   "5660251"   "5667047"   "5687818"   "5860494"   "5865515").PN.  51 25 188/1.11e.ccls. and electric adj motor  52 9 electric adj motor and depression with force with sensor and caliper and brak\$4  53 2 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (det	46	9	electric adi motor, same vibration near3 control same brak\$4		2004/05/44 42:40
47 1 vibration near3 control same brak\$4 same caliper same piston  48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  49 0 6047794.URPN. 50 11 ("4153815"   "4417098"   "4490841"   "4562589"   "5418858"   "5426705"   "5660251"   "5667047"   "5687818"   "5860494"   "5865515").PN.  51 25 88/1.11e.ccls. and electric adj motor  52 9 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and same caliper same piston  EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB			, same manager models some stand brunder		2004/03/11 13.10
48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  49 0 6047794.URPN. 50 11 ("4153815"   "4417098"   "4490841"   "4562589"   "5418858"   "5426705"   "5660251"   "5667047"   "5687818"   "5860494"   "5865515").PN. 51 25 188/1.11e.ccls. and electric adj motor  52 9 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper same piston  DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB					
1   vibration near3 control same brak\$4 same caliper same piston   USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT   US-PGPUB; EPO; JPO; DERWENT US					
48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  49 0 6047794.URPN. 50 11 ("4153815"   "4417098"   "4490841"   "4562589"   "5418858"   "5426705"   "5660251"   "5667047"   "5687818"   "5860494"   "5865515").PN. 51 25 188/1.11e.ccls. and electric adj motor 52 9 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or US-PGPUB)  53 2 2 2004/05/11 13:17 US-PGPUB  54 2004/05/11 13:17 US-PGPUB  55 2 1 2004/05/11 13:21 US-PGPUB  56 3 2 2004/05/11 13:21 US-PGPUB	47	1 1	vibration near3 control same brak\$4 same caliner same piston		2004/05/44 42:44
48 30 vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston  49 0 6047794.URPN. 50 11 ("4153815"   "4417098"   "4490841"   "4562589"   "5418858"   "5426705"   "5660251"   "5667047"   "5687818"   "5860494"   "5865515").PN. 51 25 188/1.11e.ccls. and electric adj motor 52 9 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or US-PGPUB US-PGPU			braine dame braine braine camper same pistori		2004/05/11 13:11
48       30       vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston       DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; US-PGPUB					
30   vibration near3 (damp\$6 or control) same brak\$4 same caliper same piston   USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT   USPAT; USPAT   USPAT   USPAT					
same piston    Same piston   Same piston   Same piston   US-PGPUB; EPO; JPO; DERWENT USPAT   USPAT; USPAT   USPAT; USPAT   USPAT; USPA	48	30	vibration near3 (damn\$6 or control) same brak\$4 same calinor		0004/05/44 40 44
49			same niston		2004/05/11 13:14
49			piototi		
49				DEDWENT	
50	49		6047794.URPN		2004/05/44 12 12
"5426705"   "5660251"   "5667047"   "5687818"   "5860494"     "5865515").PN.					
51 25 "5865515").PN.  52 9 electric adj motor and depression with force with sensor and caliper and brak\$4  53 2 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same)		'	"5426705"   "5660251"   "5667047"   "5687818"   "5860404"	USFAI	ZUU4/U5/11 13:12
51 25 188/1.11e.ccls. and electric adj motor  52 9 electric adj motor and depression with force with sensor and caliper and brak\$4 53 2 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same)			"5865515") PN		
9 electric adj motor and depression with force with sensor and caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same (detect\$4 or caliper and brak\$4 and amount same motor same)	51	25		HODAT	0004/05/44 40 47
9 electric adj motor and depression with force with sensor and caliper and brak\$4 53 2 electric adj motor and depression with force with sensor and electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or US-PGPUB)  2004/05/11 13:30 2004/05/11 13:21					∠UU4/U5/11 13:17
caliper and brak\$4 electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or US-PGPUB USPAT; US-PGPUB	52	9	electric adi motor and depression with force with sensor and		2004/05/44 40:00
2 electric adj motor and depression with force with sensor and USPAT; caliper and brak\$4 and amount same motor same (detect\$4 or US-PGPUB			caliner and brak\$4		2004/05/11 13:30
caliper and brak\$4 and amount same motor same (detect\$4 or US-PGPUB	53	2	electric adi motor and depression with force with soncer and		2004/05/44 15 51
calculat\$4) same rota\$6	-	-	Caliner and brak\$4 and amount same motor same (datasted		∠004/05/11 13:21
			calculat\$4) same rota\$6	09-FGFUB	

F4				
54	4	electric adj motor with fluctuat\$4 with brak\$4	USPAT;	2004/05/11 13:31
55	0	electric adj motor with drive same moteo same vibration	US-PGPUB USPAT;	2004/05/11 13:31
56	611	electric adj motor with drive same motor same vibration	US-PGPUB USPAT;	2004/05/11 13:32
57	36	electric adj motor with drive same motor same vibration same	US-PGPUB USPAT;	2004/05/11 13:33
58	2	(current or voltage) near5 motor	US-PGPUB	
00		electric adj motor with drive same motor same vibration same (current or voltage) near5 motor same brak\$4	USPAT; US-PGPUB	2004/05/11 13:33
59	1	electric adj motor with drive same motor same vibration same	EPO; JPO;	2004/05/11 13:33
60	4	(current or voltage) near5 motor same brak\$4 electric adj motor same vibration same (current or voltage)	DERWENT EPO; JPO;	2004/05/11 13:33
64	20	near5 motor same brak\$4	DERWENT	2004/03/11 13.33
61	36	advics.asn. and brak\$4 and motor	USPAT;	2004/05/11 13:36
			US-PGPUB; EPO; JPO;	
62		2002 040204 NDAN	DERWENT	
63	322	2003-846324.NRAN. brak\$4 same electric adj motor same caliper	DERWENT	2004/05/11 13:36
	322	brakut same electric auj motor same camper	USPAT;	2004/05/11 13:37
			US-PGPUB; EPO; JPO;	
			DERWENT	
64	82	brak\$4 same electric adj motor same caliper and (detecting or	USPAT;	2004/05/11 13:43
		sensor or sensing) with motor	US-PGPUB;	
			EPO; JPO; DERWENT	
65	0	brak\$4 same electric adj motor same caliper and (detecting or	USPAT;	2004/05/11 13:39
		sensor or sensing) with motor and vibration, ab, clm, ti.	US-PGPUB;	
			EPO; JPO; DERWENT	
66	0	brak\$4 same electric adj motor same caliper and (detecting or	USPAT;	2004/05/11 13:40
		sensor or sensing) with motor and vibration.ab,clm,ti.	US-PGPUB;	2001/00/11 10:40
		·	EPO; JPO;	
67	354152	vibration.ab,clm,ti.	DERWENT	0004/05/44 40 40
		violationido, omi, si.	USPAT; US-PGPUB;	2004/05/11 13:40
			EPO; JPO;	
68	0	hrak\$4 same alactric adi matana	DERWENT	
<b>J</b> 0	U	brak\$4 same electric adj motor same caliper and (detecting or sensor or sensing) with motor with (vibrat\$6 or squeal\$4 or noise)	USPAT;	2004/05/11 13:40
		or squeaiş4 or noise)	US-PGPUB; EPO; JPO;	
20		•	DERWENT	
69	463	(188/71.5).CCLS.	USPAT;	2004/05/11 13:48
70	0	("sepac.asn.").PN.	US-PGPUB	0004105144 45
		· · · · · ·	USPAT; US-PGPUB	2004/05/11 13:48
72	27	188/171-173.ccls. and stack	USPAT;	2004/05/11 13:49
71	13	188/171-173.ccls. and swing	US-PGPUB	
		Ü	USPAT; US-PGPUB	2004/05/11 13:51
74	0	armature with leaf with spring with (swing\$6 or arc or rotat\$5) with	USPAT;	2004/05/11 13:52
73	450	(pad or shoe)	US-PGPUB	
13	150	armature with leaf with spring with (swing\$6 or arc or rotat\$5)	USPAT;	2004/05/11 13:52
	<u> </u>		US-PGPUB	1

5/11/04

## Butler, Douglas

From:

**PLUS** 

Sent:

Tuesday, May 11, 2004 8:21 AM

To:

Butler, Douglas

Subject:

PLUS Results for 10771459

Here are the PLUS search results for 10771459.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10771459\_QUAL.txt















1

#### 10771459 LIST

PLUS Search Results for S/N 10771459, Searched May 10, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

```
5928301 4548298
                  4335633
5823281
         4570766
                  4352414
5012166
         5679087
                   4355540
5604412
         5685798
                  4355785
5734241
         4297038
                  4370965
5974878
         4362004
                  4372732
4358720
         4406352
                   4387504
4469995
         4458193
                   4421189
4797075
         4760278
                   4430592
4915319
         4864872
                   4431375
4980621
         4895227
                   4453774
5013956
         4898342
                   4455515
5385216
         4926977
                   4457172
5484041
         4986614
                   4459091
5791427
         4997237
                   4460838
5856709
         5000524
                   4467649
5868410
         5009063
                   4468583
6050160
         5219214
                   4477751
6145386
         5327795
                  4480472
6305506
         5347895
                  4491094
6322164
         5406154
                  4491753
4623042
         5435417
                  4502667
4290268
         5470199
                  4502328
6046560
         5489189
                  4506203
4347471
         5517536
                  4507594
4930770
         5552988
                  4508318
5333944
         5568704
                  4516666
5457372
         5645868
                  4522564
5628472
         5664372
                  4522561
5664735
         5773904
                  4523487
5705903
         5788023
                  4527668
5927447
         5801497
                  4548300
5990653
         5917248
                  4560049
6067159
         5920139
                  4567963
6111643
         6059076
                  4579203
6131057
         6059076
                  4581987
6151962
         6101911
                  4593795
6158822
         6105630
                  4598627
6199670
         6163093
                  4600090
6206482
         6186599
                  4603549
6231134
         6241016
                  4765016
6241053
        6247503
                  4770368
6270172
         3659683
                  4771197
6416140
        4122377
                  4772182
6425643
        4244247
                  4779719
6464308
        4263991
                  4789791
5804935
        4274513
                  4791344
6005358
        4276498
                  4792037
4588057
        4326608
                  4792734
5343134 4333676 4793447
```

## 10771459\_EAST

(5928301 5823281 5012166 5604412 5734241 5974878 4358720 4469995 4797075 4915319 4980621 5013956 5385216 5484041 5791427 5856709 5868410 6050160 6145386 6305506 6322164 4623042 4290268 6046560 4347471 4930770 53333944
5457372 5628472
5664735 5705903 5927447
5990653 6067159 6111643
6131057 6151962
6158822 6199670 6206482
6231134 6241053
6270172 6416140
6425643 6464308 5804935
6005358 4588057
5343134).pn. (4548298 4570766
5679087 5685798
4297038 4362004 4406352
4406352 4458193 4760278

## 10771459\_EAST

## 10771459\_EAST

•

# Most Frequently Occurring Classifications of Patents Returned From A Search of 10771459 on May 10, 2004

```
Original Classifications
    73/462
    303/115.2
    318/254
     82/112
    303/20
  3
    318/139
  3
     49/362
  2
    188/156
    188/72.7
    188/73.38
    242/433.3
    254/350
    303/152
    310/67R
    318/269
  2
    356/450
  2 415/129
Cross-Reference Classifications
 7 188/162
 5 303/20
  4 180/65.8
  4
    188/158
    303/162
 3 180/165
 3
    180/65.4
 3
    188/72.3
 3
    188/72.8
    303/3
 3
 3
    318/375
 2
    29/596
 2
    49/199
 2
    82/151
 2
    180/65.7
 2
    187/254
    188/1.11E
    188/1.11L
    188/181R
    188/181T
    188/185
    188/264AA
    188/71.9
 2
    188/72.1
 2
    188/72.4
 2
    188/73.45
 2
    192/18R
 2
    192/48.3
 2
    254/362
 2
    254/903
    303/112
 2
    310/115
 2
    310/254
    310/77
 2 318/138
```

2 318/254 318/362 318/369 2 2 318/439 2 318/539 416/11 2 416/140 2 2 416/160 2 464/46 700/279 Combined Classifications 188/162 8 303/20 6 73/462 6 318/254 5 188/158 5 303/115.2 4 82/112 4 180/65.8 4 188/72.8 4 303/162 4 303/3 3 180/165 3 180/65.4 3 188/156 3 188/181T 3 188/72.1 3 188/72.3 3 188/72.7 3 192/18R 3 254/362 3 303/112 3 303/152 310/77 3 3 318/139 3 318/375 3 416/11 416/140 2 29/596 2 49/199 2 49/362 2 56/11.3 2 82/151 2

180/65.2

180/65.7

188/1.11E

188/1.11L

188/181R

188/185

188/18A

188/218R

188/218XL

188/264AA

188/70R

188/71.9

188/72.4 188/73.1

187/254

2

2

2

2

2

2

2

2

2

2

2

2

2

### 10771459\_CLS

2 188/73.37 2 188/73.38 2 188/73.45 2 192/48.3 2 242/433.3 2 254/350 2 254/903 2 303/122 2 310/115 2 310/254 2 310/67R 2 310/76 2 310/93 318/138 2 318/269 2 318/362 2 318/369 2 318/432 2 318/439 2 318/539 2 356/450 2 415/129 2 416/132B 2 416/160 2 464/46 2 700/279

2 701/70

Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 10771459 on May 10, 2004

```
188/162
                 (1 OR, 7 XR)
                188 : BRAKES
       Class
        188/381
                     FRICTIONAL VIBRATION DAMPER
        188/158
                      .Electric
        188/161
                      .. Electromagnet
        188/162
                      ...Rotary motor
  303/20
                 (3 OR, 5 XR)
        Class
                303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
        303/20
                      ELECTRIC CONTROL
6
   73/462
                 (5 OR, 1 XR)
        Class
                073 : MEASURING AND TESTING
        73/66
                     ROTOR UNBALANCE
        73/460
                      .Dynamic (spinning)
                      ..With electrical sensor and indicator
        73/462
 318/254
                 (4 OR, 2 XR)
        Class
                318 : ELECTRICITY: MOTIVE POWER SYSTEMS
        318/254
                      SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS
  188/158
                 (1 OR, 4 XR)
        Class
                188 : BRAKES
        188/381
                      FRICTIONAL VIBRATION DAMPER
        188/158
                      Electric
  303/115.2
                (4 OR, 1 XR)
       Class
                303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
        303/121
                      SPEED-CONTROLLED
        303/113.1
                      .Having a valve system responsive to a wheel
                           lock signal
        303/115.1
                      .. System controlled by expansible chamber type
                          modulator
        303/115.2
                      ... Having electric control
   82/112
                (3 OR, 1 XR)
        Class
                082 : TURNING
        82/112
                      PORTABLE LATHE FOR BRAKE DRUM, DISC, OR SHOE
  180/65.8
                 (0 OR, 4 XR)
        Class
               180 : MOTOR VEHICLES
        180/54.1
                      POWER
        180/65.1
                      .Electric
        180/65.8
                      .. With electronic devices (logic gates,
                         semi-conductors, vacuum tubes, etc.) in control circuit
  188/72.8
                 (1 OR, 3 XR)
        Class
                188 : BRAKES
        188/67
                      ROD
        188/71.1
                      .Axially movable brake element or housing
                            therefor
        188/72.1
                      .. With means for actuating brake element
        188/72.7
                      ... By inclined surface (e.g., wedge, cam or
                          screw)
        188/72.8
                      ....Screw or helical cam
```

```
(0 OR, 4 XR)
    303/162
                  303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
          Class
          303/121
                        SPEED-CONTROLLED
          303/162
                        .Current control of linear piston drive motor
                   (1 OR, 3 XR)
    303/3
          Class
                  303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
                        MULTIPLE SYSTEMS
          303/2
          303/3
                        .Fluid pressure and electric
                   (0 OR, 3 XR)
    180/165
                  180 : MOTOR VEHICLES
          Class
                        WITH FLUID OR MECHANICAL MEANS TO ACCUMULATE
          180/165
                           ENERGY (I) DERIVED FROM MOTION OF VEHICLE OR (II) OBTAINE
D
                           FROM OPERATION OF VEHICLE MOTOR, AND GIVE UP THE ENERGY (
1)
                           WHEN NEEDED FOR VEHICLE ACCELERATION OR (2) TO POWER AN
                           AUXILIARY SYSTEM OF THE VEHICLE
    180/65.4
                   (0 OR, 3 XR)
                  180 : MOTOR VEHICLES
          Class
          180/54.1
                        POWER
          180/65.1
                        .Electric
          180/65.3
                        .. With means on vehicle for generating power
                            for the electric motor
          180/65.4
                        ...Generating means is driven by a prime mover
                   (2 OR, 1 XR)
    188/156
          Class
                  188 : BRAKES
                        FRICTIONAL VIBRATION DAMPER
          188/381
          188/156
                        .Electric and mechanical
    188/181T
                   (1 OR, 2 XR)
          Class
                  188 : BRAKES
          188/381
                        FRICTIONAL VIBRATION DAMPER
          188/174
                        .Weight
          188/180
                        ..Regulators
          188/181R
                        ...Vehicle
          188/181T
                        ....Torque-responsive
    188/72.1
                   (1 OR, 2 XR)
          Class
                  188 : BRAKES
          188/67
                        ROD
          188/71.1
                        .Axially movable brake element or housing
                            therefor
                        ..With means for actuating brake element
          188/72.1
    188/72.3
                   (0 OR, 3 XR)
                  188 : BRAKES
          Class
          188/67
                        ROD
          188/71.1
                        .Axially movable brake element or housing
                             therefor
          188/72.1
                        ..With means for actuating brake element
          188/72.3
                        ... And means for retracting brake element
```

```
(2 OR, 1 XR)
   188/72.7
                 188 : BRAKES
         Class
                       ROD
         188/67
         188/71.1
                        .Axially movable brake element or housing
                             therefor
         188/72.1
                        .. With means for actuating brake element
         188/72.7
                        ...By inclined surface (e.g., wedge, cam or
                           screw)
                   (1 OR, 2 XR)
 3 192/18R
                 192 : CLUTCHES AND POWER-STOP CONTROL
          Class
                       CLUTCH AND BRAKE
          192/12R
          192/18R
                       .Sliding operation
   254/362
                   (1 OR, 2 XR)
                  254 : IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING
         Class
                          OR PULLING FORCE
                        APPARATUS FOR HAULING OR HOISTING LOAD,
          254/264
                             INCLUDING DRIVEN DEVICE WHICH CONTACTS AND PULLS ON CAB
LΕ
                        .Device includes rotatably driven, cable
          254/266
                            contacting drum
          254/362
                        ..Drive includes electric motor
                  (1 OR, 2 XR)
    303/112
                  303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
          Class
          303/121
                       SPEED-CONTROLLED
          303/112
                        .Torque sensing
    303/152
                  (2 OR, 1 XR)
                  303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
          Class
                       SPEED-CONTROLLED
          303/121
          303/152
                        .Regenerative brakes
                                                                        8
    310/77
                  (1 OR, 2 XR)
                  310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
          Class
          310/10
                        DYNAMOELECTRIC
          310/40R
                       .Rotary
          310/66
                       ..With other elements
                        ...Drive mechanism
          310/75R
          310/77
                        ....Brake
    318/139
                   (3 OR, 0 XR)
                  318 : ELECTRICITY: MOTIVE POWER SYSTEMS
          Class
                        BATTERY-FED MOTOR SYSTEMS
          318/139
     318/375
                   (0 OR, 3 XR)
                  318 : ELECTRICITY: MOTIVE POWER SYSTEMS
          Class
          318/362
                        BRAKING
          318/375
                        .Dynamic braking
   416/11
                   (1 OR, 2 XR)
                  416 : FLUID REACTION SURFACES
          Class
          416/9
                        WITH MEANS POSITIONING FLUID CURRENT DRIVEN
                             IMPELLER RELATIVE TO FLOW DIRECTION
          416/10
                        .Offset relative to flow direction
                        .. Upstream pivotal mounting
          416/11
```

```
(1 OR, 2 XR)
  416/140
                416 : FLUID REACTION SURFACES
        Class
                      ARTICULATED, RESILIENTLY MOUNTED OR
        416/131
                          SELF-SHIFTING IMPELLER OR WORKING MEMBER
        416/140
                      .Including movement limit stop or damping means
2
                 (0 OR, 2 XR)
   29/596
                029 : METAL WORKING
        Class
        29/592
                     METHOD OF MECHANICAL MANUFACTURE
        29/592.1
                     .Electrical device making
        29/596
                      ..Dynamoelectric machine
                 (0 OR, 2 XR)
2
   49/199
                049 : MOVABLE OR REMOVABLE CLOSURES
        Class
                      UP-AND-OVER TYPE; E.G., MOVES FROM VERTICAL TO
        49/197
                          WITHDRAWN HORIZONTAL OVERHEAD POSITION
        49/199
                      .With operator
                 (2 OR, 0 XR)
    49/362
        Class
                049 : MOVABLE OR REMOVABLE CLOSURES
        49/324
                      WITH OPERATOR FOR MOVABLY MOUNTED CLOSURE
        49/360
                      .Operator drives closure along guide
        49/362
                      .. Rack or screw parallel to closure guide
    56/11.3
                 (1 OR, 1 XR)
                056: HARVESTERS
        Class
        56/10.1
                      MOTORIZED HARVESTER
                      .With selective control of drive means
        56/10.8
        56/11.3
                      .. By brake and disengageable drive (e.g.,
                         clutch)
    82/151
                 (0 OR, 2 XR)
                082 : TURNING
        Class
        82/117
                     LATHE
        82/150
                     .Center
        82/151
                      ..Alignment adjuster
                (1 OR, 1 XR)
  180/65.2
        Class
                180 : MOTOR VEHICLES
        180/54.1
                      POWER
        180/65.1
                      .Electric
        180/65.2
                      .. Combined with nonelectric drive means
2 180/65.7
                 (0 OR, 2 XR)
              180 : MOTOR VEHICLES
        Class
        180/54.1
                      POWER
        180/65.1
                      .Electric
        180/65.6
                      ..With gearing between electric motor and drive
                          wheel
        180/65.7
                      ... Gearing is a changeable ratio gearing
  187/254
                 (0 OR, 2 XR)
                187 : ELEVATOR, INDUSTRIAL LIFT TRUCK, OR
        Class
                        STATIONARY LIFT FOR VEHICLE
        187/250
                      HAVING SPECIFIC LOAD SUPPORT DRIVE-MEANS OR ITS
        187/251
                      .Includes linking support cable (e.g., rope,
                          chain) in drive-means
```

.. And rotatably driven drum pulling thereon

(0 OR, 2 XR) 188/1.11E Class 188 : BRAKES

WITH CONDITION INDICATOR 188/1.11R

188/1.11E .Electrical

(0 OR, 2 XR) 2 188/1.11L

Class 188 : BRAKES

WITH CONDITION INDICATOR 188/1.11R

.Wear 188/1.11W

188/1.11L ..Electrical

(0 OR, 2 XR) 2 188/181R

Class 188 : BRAKES

FRICTIONAL VIBRATION DAMPER 188/381

188/174 .Weight

188/180 ..Regulators

...Vehicle 188/181R

(0 OR, 2 XR) 188/185

188 : BRAKES Class

188/381 FRICTIONAL VIBRATION DAMPER

.Weight 188/174

..Regulators 188/180

...Transversely expanding 188/184

....Radial 188/185

188/18A (1 OR, 1 XR)

188 : BRAKES Class

VEHICLE 188/2R

188/17 .Hub or disk 188/18R ..Motor vehicle

...Disc brakes 188/18A

(1 OR, 1 XR) 188/218R

Class 188 : BRAKES

188/381 FRICTIONAL VIBRATION DAMPER

.Brake wheels 188/218R

(1 OR, 1 XR) 188/218XL

Class 188 : BRAKES

188/381 FRICTIONAL VIBRATION DAMPER

188/218R .Brake wheels 188/218XL ..Disk type

188/264AA (0 OR, 2 XR)

188 : BRAKES Class

FRICTIONAL VIBRATION DAMPER 188/381 .Cooling and lubricating 188/264R

..Air-cooled, axially engaging 188/264A

188/264AA ...Auto wheel type

(1 OR, 1 XR) 188/70R

188 : BRAKES Class

188/67 ROD

188/70R .Axially and transversely movable

188/71.9 (0 OR, 2 XR)

		10771459_CLSTITLES
	Class 188	: BRAKES
	188/67	ROD
	188/71.1	<ul> <li>Axially movable brake element or housing therefor</li> </ul>
	188/71.7	With means to adjust for wear of brake
	188/71.8	Self-adjusting means
	188/71.9	Including unidirectionally rotating screw
2	188/72.4 (0	OR, 2 XR)
		: BRAKES
	188/67	ROD
	188/71.1	<pre>.Axially movable brake element or housing therefor</pre>
	188/72.1	With means for actuating brake element
	188/72.4	By fluid pressure piston
2		OR, 1 XR)
		: BRAKES
	188/67	ROD
	188/71.1	.Axially movable brake element or housing
	100/72 1	therefor
	188/73.1	Structure of brake element
2	188/73.37 (1	OP 1 VP\
_	Class 188	
	188/67	ROD
	188/71.1	.Axially movable brake element or housing
	,	therefor
	188/73.31	
	188/73.37	Having means to prevent vibration of brake
		element
2	100/72 20 /2	OD O VD
2		OR, 0 XR) : BRAKES
	Class 188 188/67	ROD
	188/71.1	.Axially movable brake element or housing
	100, /1.1	therefor
	188/73.31	Retainer for brake element
	188/73.37	Having means to prevent vibration of brake
		element
	188/73.38	Spring
_	100/83 15	07 0 777
2		OR, 2 XR)
	Class 188	
	188/67	ROD
	188/71.1	Axially movable brake element or housing therefor
	188/73.31	Retainer for brake element
	188/73.43	Including actuator slidable in plane
		parallel to axis of rotation of wheel
	188/73.44	On axially extending pin
	188/73.45	Plural pins
2		OR, 2 XR)
	Class 192	
	192/30R	CLUTCHES
	192/48.1	.Plural clutch-assemblage
	192/48.3	Diverse clutch-assemblages
		Davis C

			10771459_CLSTITLES
2	242/430	242	<pre>: WINDING, TENSIONING, OR GUIDING   COMPOSITE ARTICLE WINDING   .On externally toothed core (e.g., motor      armature)</pre>
2		254	OR, 0 XR) : IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING OR PULLING FORCE APPARATUS FOR HAULING OR HOISTING LOAD, INCLUDING DRIVEN DEVICE WHICH CONTACTS AND PULLS ON C
ABLE			INCIDENTAL PRIVER WHICH CONTACTS AND FOLLIS ON C
	254/266 254/342 254/346		Device includes rotatably driven, cable contacting drum  Drive includes intermeshing gears  Drive also includes clutch mechanism having coaxial, rotatable relatively shiftable axially, power
	254/350		transmitting componentsComponents having frictional contact surface
2	254/903 Class 254/903	254	: IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING OR PULLING FORCE
2	303/121	303	OR, 1 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS SPEED-CONTROLLED .With failure responsive means
2	310/10	310	OR, 2 XR) : ELECTRICAL GENERATOR OR MOTOR STRUCTURE DYNAMOELECTRIC .RotaryPlural rotary elementsField and armature both rotate
2	310/10	310	OR, 2 XR) : ELECTRICAL GENERATOR OR MOTOR STRUCTURE DYNAMOELECTRIC .RotaryStator structure
2	310/67R Class 310/10 310/40R 310/66 310/67R	310	: ELECTRICAL GENERATOR OR MOTOR STRUCTURE DYNAMOELECTRIC .RotaryWith other elements
2	310/76 Class 310/10		OR, 1 XR) : ELECTRICAL GENERATOR OR MOTOR STRUCTURE DYNAMOELECTRIC

10771459 CLSTITLES 310/40R .Rotary 310/66 ..With other elements 310/75R ...Drive mechanism 310/76 ....Brake and clutch 2 310/93 (1 OR, 1 XR) 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE Class 310/10 DYNAMOELECTRIC 310/40R .Rotary 310/92 .. Torque-transmitting clutches or brakes 310/93 ...Brake type 318/138 (0 OR, 2 XR) Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS 318/138 SPACE-DISCHARGE-DEVICE COMMUTATED MOTOR 318/269 (2 OR, 0 XR) Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS 318/255 PLURAL DIVERSE MOTOR CONTROLS 318/268 .Running-speed control 318/269 ..With braking 318/362 (0 OR, 2 XR) Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS 318/362 BRAKING (0 OR, 2 XR) 318/369 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS 318/362 BRAKING 318/364 .Automatic and/or with time-delay means 318/366 .. Condition of motor or driven device 318/369 ... Speed, acceleration, movement or position of motor or driven device 2 318/432 (1 OR, 1 XR) Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS 318/432 CONSTANT MOTOR CURRENT, LOAD AND/OR TORQUE CONTROL 2 318/439 (0 OR, 2 XR) Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS 318/439 MOTOR COMMUTATION CONTROL SYSTEMS 2 318/539 (0 OR, 2 XR) Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS MOTOR STRUCTURE ADJUSTMENT OR CONTROL 318/538 318/539 .Both armature and field structures rotatable or adjustable 2 356/450 (2 OR, 0 XR) 356 : OPTICS: MEASURING AND TESTING 356/450 BY LIGHT INTERFERENCE (E.G., INTERFEROMETER) 2 415/129 (2 OR, 0 XR) Class 415 : ROTARY KINETIC FLUID MOTORS OR PUMPS 415/129 RUNNER OR BLADE SELECTIVELY ADJUSTABLE RELATIVE TO CASING 2 416/132B (1 OR, 1 XR)

	Class 416 416/131 416/132R	10771459_CLSTITLES : FLUID REACTION SURFACES ARTICULATED, RESILIENTLY MOUNTED OR SELF-SHIFTING IMPELLER OR WORKING MEMBER .Sectional, staged or nonrigid working member
	416/132B	Windmills
2		OR, 2 XR) : FLUID REACTION SURFACES HAVING POSITIVE MEANS FOR IMPELLER ADJUSTMENT
	416/159	.Power or manual actuator on non-rotatable part
	416/160	Planetary gearing connecting rotatable and non-rotatable parts
2	464/46 (0 Class 464 464/30 464/45 464/46	OR, 2 XR) : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND FLEXIBLE COUPLINGS FOR ROTARY SHAFTS OVERLOAD RELEASE COUPLING .Torque transmitted via frictional engagement of planar radially extending surfacesWith separate resilient member for biasing surfaces into engagement
2	700/279 (0 Class 700 700/90 700/275 700/279	OR, 2 XR) : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS SPECIFIC APPLICATION, APPARATUS OR PROCESS .Mechanical control systemBalancing or alignment
2		OR, 1 XR) : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION .Indication or control of braking, acceleration, or deceleration